

Crushed and Broken Granite Mining and Quarrying: 2002

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2002 Economic Census

Mining

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Mining	ix
Tables	
1. Historical Statistics for the Industry: 2002 and 1997	1
2. Industry Statistics for Selected States and Offshore Areas: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002	4
5. Industry Statistics by Type of Operation: 2002	5
6a. Products or Services Statistics: 2002 and 1997	6
6b. Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997	7
7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997	8
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1
-- Not applicable for this report.	

Table 1. Historical Statistics for the Industry: 2002 and 1997

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Com- panies ¹	All estab- lish- ments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expendi- tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212313, Crushed and broken granite mining and quarrying..... 2002..	123	321	7 400	312 099	6 129	13 315	250 580	1 697 614	558 899	1 939 693	168 784
1997..	122	290	6 812	271 019	5 560	13 035	212 963	1 139 899	572 687	1 512 891	199 695

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States and Offshore Areas: 2002

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212313, Crushed and broken granite mining and quarrying												
United States	2	321	158	7 400	312 099	6 129	13 315	250 580	1 697 614	558 899	1 939 693	168 784
Arizona	4	6	3	107	6 487	62	145	2 765	20 059	9 732	27 883	1 908
California	4	22	6	562	27 814	453	1 071	21 877	121 470	54 451	160 397	9 084
Colorado	—	16	3	204	9 020	177	399	8 062	40 960	23 150	59 051	5 059
Georgia	1	69	42	1 746	62 159	1 490	3 155	51 366	410 643	119 072	460 747	45 046
Maryland	—	5	4	176	8 010	160	347	7 468	41 412	14 414	53 859	1 963
Massachusetts	5	7	4	162	8 538	134	316	7 083	42 470	12 329	48 403	4 295
North Carolina	4	70	39	1 573	64 740	1 301	2 781	51 254	404 010	97 901	379 126	32 709
Pennsylvania	4	6	4	196	10 144	155	354	7 679	35 795	13 423	42 994	3 777
South Carolina	1	22	12	526	17 959	439	888	14 698	118 175	36 489	130 638	15 099
Virginia	2	30	20	692	30 617	595	1 235	26 171	158 634	51 389	179 656	19 728
Wisconsin	2	9	1	134	7 170	105	230	5 549	20 424	13 240	30 808	2 802

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
212313, Crushed and broken granite mining and quarrying	
Companies ¹	number.. 123
All establishments ²	number.. 321
Establishments with 0 to 19 employees	number.. 163
Establishments with 20 to 99 employees	number.. 154
Establishments with 100 employees or more	number.. 4
All employees for pay period including March 12	number.. 7 400
Total compensation	\$1,000.. 393 333
Annual payroll	\$1,000.. 312 099
Annual fringe benefits not included in payroll	\$1,000.. 81 234
Production, development, and exploration workers for pay period including March 12	number.. 6 129
Production, development, and exploration worker annual hours	1,000.. 13 315
Production, development, and exploration worker annual wages	\$1,000.. 250 580
Total cost of supplies	\$1,000.. 558 899
Supplies used, minerals received, and purchased machinery installed	\$1,000.. 412 326
Resales	\$1,000.. 11 099
Purchased fuels consumed	\$1,000.. 49 662
Purchased electricity	\$1,000.. 50 207
Contract work	\$1,000.. 35 605
Quantity of electricity purchased	1,000 kWh.. 787 309
Quantity of electricity generated less sold	1,000 kWh.. D
Total other expenses	\$1,000.. 193 722
Response coverage ratio ³	percent.. 63
Communications services	\$1,000.. 2 795
Legal services	\$1,000.. 867
Accounting, auditing, and bookkeeping services	\$1,000.. 707
Advertising and promotional services	\$1,000.. 388
All other expenses (not included above)	\$1,000.. 188 965
Total value of shipments and receipts for services	\$1,000.. 1 939 693
Primary products value of shipments	\$1,000.. 1 892 780
Secondary products value of shipments and receipts for services	\$1,000.. 35 590
Value of resales	\$1,000.. 11 323
Value of primary products shipments or services produced in all industries	\$1,000.. 1 947 928
Value of primary products shipments or services produced in this industry	\$1,000.. 1 892 780
Value of primary products shipments or services produced in other industries	\$1,000.. 55 148
Value added	\$1,000.. 1 697 614
Total inventories, end of 2001	\$1,000.. 194 768
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 177 613
Supplies, parts, fuels, etc., inventories	\$1,000.. 17 155
Total inventories, end of 2002	\$1,000.. 237 226
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 217 087
Supplies, parts, fuels, etc., inventories	\$1,000.. 20 139
Gross book value of depreciable/depletable assets at beginning of year	\$1,000.. 2 510 296
Capital expenditures (except land and mineral rights)	\$1,000.. 168 784
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	\$1,000.. 160 194
Capital expenditures for mineral exploration and development	\$1,000.. 8 590
Capital expenditures for mineral land and rights	\$1,000.. 3 310
Deductions from depreciable/depletable assets during year	\$1,000.. 80 648
Gross book value of depreciable/depletable assets at end of year	\$1,000.. 2 601 742
Total depreciation/depletion charges during year	\$1,000.. 174 328
Total rental payments during year	\$1,000.. 61 545
Buildings and other structures	\$1,000.. 3 892
Machinery and equipment	\$1,000.. 57 653
Lease rents	\$1,000.. 10 376
Expensed mineral exploration, development, land, and rights	\$1,000.. 14 544

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212313, Crushed and broken granite mining and quarrying											
All establishments	2	321	7 400	312 099	6 129	13 315	250 580	1 697 614	558 899	1 939 693	168 784
Establishments with —											
0 to 4 employees	6	49	125	4 593	85	169	3 306	23 574	8 445	28 279	3 010
5 to 9 employees	6	41	272	12 282	226	529	10 114	61 323	23 912	74 231	5 609
10 to 19 employees	3	73	1 075	42 105	904	1 882	34 840	244 680	67 429	246 872	20 874
20 to 49 employees	2	134	3 988	163 893	3 393	7 438	135 007	960 408	276 585	1 039 542	99 907
50 to 99 employees	2	20	1 318	56 523	1 029	2 180	42 597	253 691	100 916	328 973	25 630
100 to 249 employees	1	4	622	32 703	492	1 117	24 716	153 938	81 612	221 796	13 754
250 to 499 employees	—	—	—	—	—	—	—	—	—	—	—
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ³	9	51	247	10 522	189	433	8 278	44 100	20 923	60 415	4 608

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Type of Operation: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments ¹		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212313, Crushed and broken granite mining and quarrying									
All establishments	321	158	7 400	312 099	6 129	13 315	250 580	1 697 614	1 939 693
Producing establishments	321	158	7 400	312 099	6 129	13 315	250 580	1 697 614	1 939 693
Mines or wells only	—	—	—	—	—	—	—	—	—
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines, well operations, or other types of mines	—	—	—	—	—	—	—	—	—
Mines with preparation plants	321	158	7 400	312 099	6 129	13 315	250 580	1 697 614	1 939 693
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	321	158	7 400	312 099	6 129	13 315	250 580	1 697 614	1 939 693
Combination mines or other types of mines	—	—	—	—	—	—	—	—	—
Separately operated preparation plants	—	—	—	—	—	—	—	—	—
Undistributed ²	—	—	—	—	—	—	—	—	—
Nonproducing establishments	—	—	—	—	—	—	—	—	—

¹Includes establishments with payroll at any time during the year.

²Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212313	Crushed and broken granite mining and quarrying	2002.. X 1997.. X	X X	1 947 928 1 522 411
2123130	Crushed and broken granite	2002.. X 1997.. X	X X	1 947 928 1 522 411
21231301	Crushed and broken granite	2002.. X 1997.. X	X X	1 947 928 1 522 411
2123130100	Crushed and broken granite mil s tons ..	2002.. 284.2 1997.. 255.8	S 246.5	1 947 928 1 522 411

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2123130	Crushed and broken granite	
	United States..... 2002..	1 947 928
	..... 1997..	1 522 411
	Arizona..... 2002..	30 888
	..... 1997..	N
	California..... 2002..	159 058
	..... 1997..	N
	Colorado..... 2002..	56 046
	..... 1997..	N
	Georgia..... 2002..	459 389
	..... 1997..	N
	Maryland..... 2002..	53 912
	..... 1997..	N
	Massachusetts..... 2002..	48 391
	..... 1997..	N
	New Jersey..... 2002..	39 593
	..... 1997..	N
	North Carolina..... 2002..	376 342
	..... 1997..	N
	Pennsylvania..... 2002..	41 705
	..... 1997..	N
	South Carolina..... 2002..	130 303
	..... 1997..	N
	Virginia..... 2002..	178 036
	..... 1997..	N
	Wisconsin..... 2002..	31 098
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212313	Crushed and broken granite mining and quarrying		
	Supplies consumed by type		
21231005	Broken stone, received for preparation (crushing, screening, washing, etc.) mil s tons 2002..	D	D
	1997..	D	D
21232001	Sand and gravel, received for preparation mil s tons 2002..	D	D
	1997..	D	D
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002..	X	99 879
	1997..	X	164 804
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002..	X	76 911
	1997..	X	101 298
32592003	Explosive materials, excluding ammonium nitrate 2002..	X	19 917
	1997..	X	27 249
32592005	Ammonium nitrate 2002..	X	2 199
	1997..	X	4 930
32592007	Blasting accessories 2002..	X	3 230
	1997..	X	3 854
32600007	Rubber and plastics products, including tires and tubes 2002..	X	12 216
	1997..	X	13 541
33120059	Steel shapes and forms (excluding castings and forgings) 2002..	X	19 916
	1997..	X	16 577
00970098	All other supplies 2002..	X	89 158
	1997..	X	52 883
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002..	X	84 155
	1997..	X	33 373
	Fuels consumed by type		
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl 2002..	S	21 146
	1997..	692.7	20 387
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel 1,000 bbl 2002..	50.4	1 920
	1997..	170.9	4 706
21111015	Gas (natural, manufactured, and mixed) used as a fuel bil cu ft 2002..	D	D
	1997..	D	D
32411015	Gasoline used as a fuel mil gal 2002..	S	1 647
	1997..	1.9	1 971
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) 2002..	X	D
	1997..	X	D
00974000	Undistributed fuels 2002..	X	11 127
	1997..	X	6 003

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.